

Appln. No. 10/767,655
Amendment
Reply to Office Action dated October 28, 2004

Docket No. 304-821

AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions, and listings, of claims in the application:

- 1-2. (Cancelled)
3. (Currently amended) Heating device according to claim ~~[[1]]~~ 15, wherein said second area engages with said first area at least along half the outer border.
4. (Original) Heating device according to claim 3, wherein said second area surrounds said first area and said areas are arranged concentrically.
5. (Original) Heating device according to claim 4, wherein said areas are circular.
6. (Cancelled)
7. (Currently amended) Heating device according to claim ~~[[6]]~~ 15, wherein said power for said first area is max 2500 Watt in the case of a circular first area with a diameter of 230 mm.
8. (Currently amended) Heating device according to claim ~~[[6]]~~ 15, wherein said first area has a switch-in power, which can be switched into said basic power and in a state with said switched-in power said maximum first power is applied.
9. (Currently amended) Heating device according to claim ~~[[1]]~~ 15, wherein said power for said second area is 600 Watt.

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10. (Currently amended) Heating device according to claim ~~[[1]]~~ 15, wherein said excess temperature protection is a rod controller, which at least partly engages over said first area.

11. (Currently amended) Heating device according to claim ~~[[1]]~~ 15, wherein there is a control device with an additional contact for switching a basic power or switch-in power to said total, maximum first power for said first area.

12. (Original) Heating device according to claim 10, wherein there is an electronic control, which has a further relay for switching the switch-in power to said total, maximum first power, in addition to said basic power.

13. (Currently amended) Heating device according to claim ~~[[1]]~~ 15, wherein said heating device is a radiant heater with a heating conductor made from resistance material.

14. (Cancelled)

15. (New) A heating device, which is subdivided into several areas, having at least one first area and a second area and is provided with a first excess temperature protection,

wherein said first area has a maximum first power and is monitored by said first excess temperature protection and said second area has a maximum surface heating power of approximately 2.5 W/cm² and is operated without monitoring by said first excess temperature protection,

wherein an electrical connection of said first area is monitored by said first excess temperature protection, wherein said first area has connecting plugs being connected to

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said first excess temperature protection for disconnecting said first area in the case of occurrence of an excess temperature at said first area, and

wherein an electrical connection of said second area is directly to a power supply without interposing said first excess temperature protection for operating completely without monitoring by excess temperature protection.

16. (New) Heating device according to claim 15, wherein said second area forms an outermost heating area.